

SEE STD. PLAN 401,
SHEETS 4 & 5 of 5,
FOR GENERAL NOTES.

APPROVED:

Robert Stahlke
TRANSPORTATION MANAGER

CITY OF HUNTINGTON BEACH

DEPARTMENT OF PUBLIC WORKS

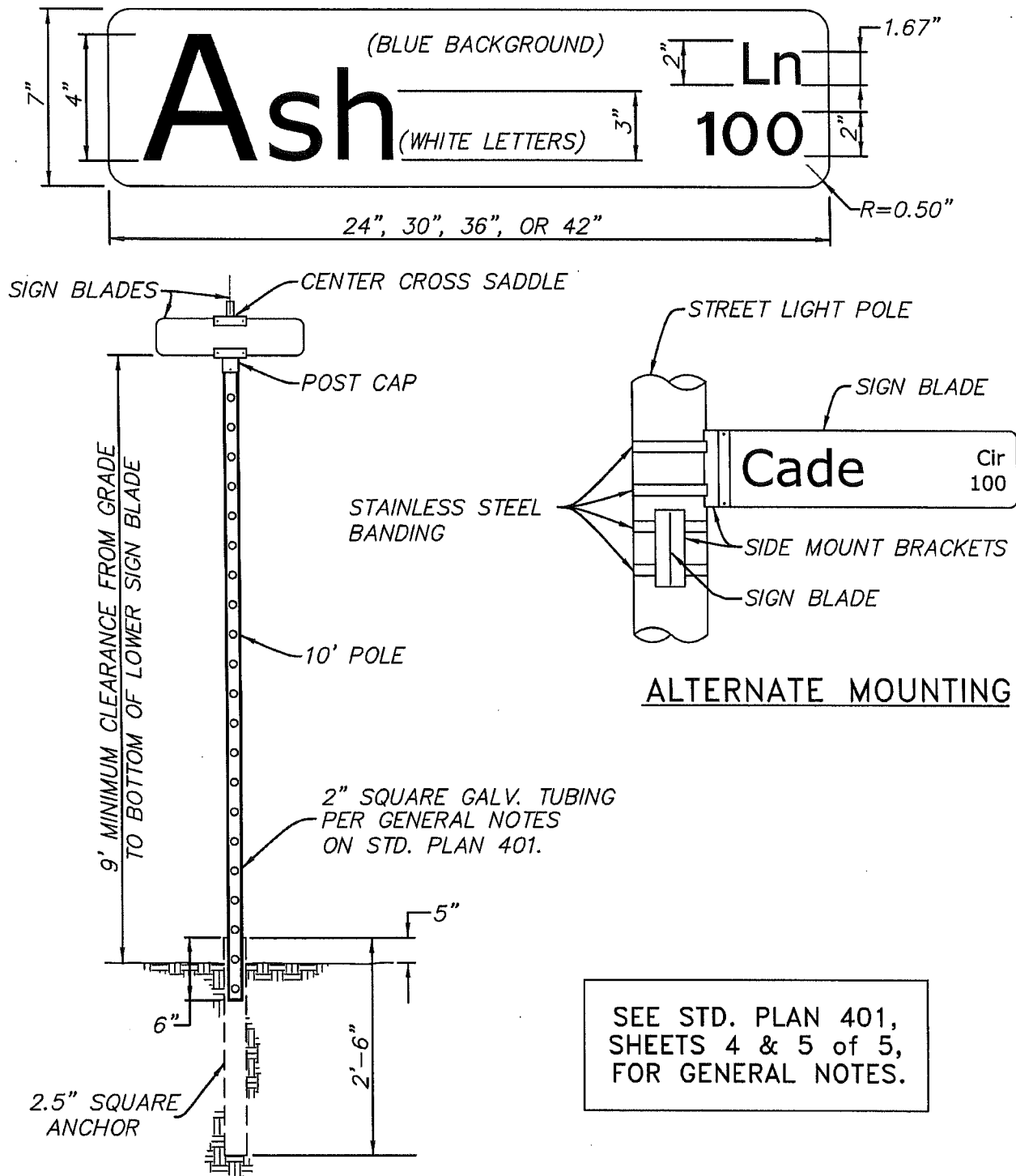


REVISION DATE: 3/21/12

STREET SIGN ASSEMBLY

STANDARD PLAN
401
1 of 5

ONLY APPLICABLE FOR INTERSECTIONS OF TWO STREETS WITH A SPEED LIMIT OF 25MPH OR LESS.



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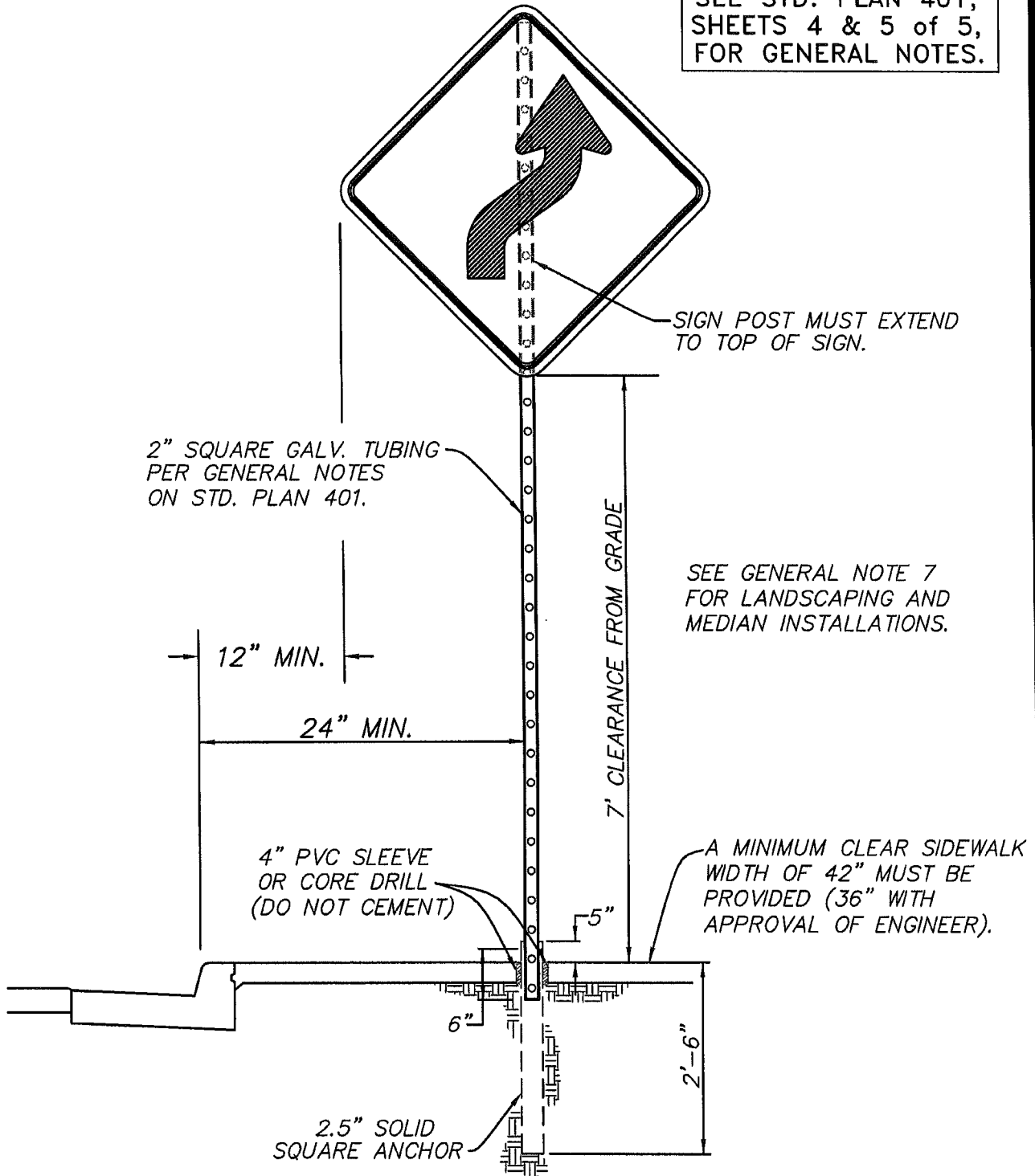


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GENERAL NOTES:

1. DESIGN
EACH FOUR-WAY UNIT SHALL CONSIST OF TWO DOUBLE-FACED SIGNS WITH STREET NAMES MOUNTED AT RIGHT ANGLES TO EACH OTHER AND PERPENDICULAR TO CORRESPONDING STREETS. LOCATIONS SHALL BE AS SHOWN ON THE PLAN.
2. BRACKET ASSEMBLIES
POST CAP SHALL BE MADE TO MOUNT ON 2" GALVANIZED SQUARE TUBING, CAST IN ONE PIECE. BANDING MATERIAL SHALL BE STAINLESS STEEL STRAPPING. POST CAP AND CENTER CROSS SADDLE SHALL BE ONE PIECE DIE CAST ALUMINUM. SIDE MOUNT BRACKET SHALL BE EXTRUDED ALUMINUM, ONE PIECE.
ALL SETS OF BRACKETS SHALL BE TAPPED AND DRILLED FOR 10-EACH 5/16" DIA. ZINC DICHROMATE PLATED ALLEN-TYPE SET SCREWS, HAVING SELF-LOCKING SAWTOOTH ENDS. ALL BOLTS SHALL HAVE FIBER WASHERS NEXT TO SIGN FACE AND METAL WASHERS NEXT TO BACKING NUT.
3. SIGN POST MATERIAL
SIGN POST SHALL BE 12 GAUGE, 2" GALVANIZED SQUARE TUBING WITH 3/8" HOLES ON ALL 4 SIDES, 1" O.C. (UNISTRUT, TELSPAR, OR APPROVED EQUAL). ANCHOR SHALL BE ONE PIECE, 7 GAUGE, 2.5" SQUARE TUBING (ONE SIZE LARGER), GALVANIZED AFTER FABRICATION, STEEL POSTS SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR HOT ROLLED CARBON SHEET STEEL, COMMERCIAL QUALITY, ASTM DES A-569-72, (IN LINE GALVANIZED ZINC COATING) AND HAVE A CROSS-LINKED POLYURETHANE ACRYLIC EXTERIOR COATING.
4. SIGN BLANK MATERIAL
SIGN BLANKS SHALL BE EXTRUDED FROM 6063T-4 ALUMINUM ALLOY (STREET NAME SIGNS SHALL BE SHEET ALUMINUM 0.125" GAUGE MINIMUM AND ROADWAY SIGNS SHALL BE ALUMINUM 0.80" GAUGE MINIMUM).
5. SIGN FINISH
SIGN FACES SHALL BE HIGH INTENSITY PRISMATIC SHEETING CONFORMING TO ASTM TYPE III OR GREATER (3M HIGH INTENSITY PRISMATIC SHEETING SERIES 3900 OR APPROVED EQUIVALENT).

SIGN FACES SHALL INCLUDE ANTI-GRAFFITI FILM (3M 1160, NIPPON F-CAL CLEAR EF-40801 OR APPROVED EQUIVALENT).
6. LETTERING
STREET NAME SIGNS ON ARTERIAL ROADWAYS SHALL BE UPPER AND LOWER CASE WITH 6" UPPER CASE AND 4 1/2" LOWER CASE. EACH NAME SHALL BE INDIVIDUALLY LAID OUT TO FIT A 24", 30" 36", 42" OR 48" LENGTH SIGN.

STREET NAME SIGN LETTERING FOR NON-ARTERIAL ROADWAYS SHALL BE 4" FOR NUMERICAL STREETS THE SUFFIX SHALL LOWER CASE (I.E. 12th).

THE STREET NAME SIGN FONT SHALL BE HIGHWAY GOTHIC, SERIES C, UPPER AND LOWER. THE FONT FOR ALL OTHER ROADWAY SIGNS SHALL BE OF THE ROUNDED TYPE CONFORMING TO WITH THE STANDARD ALPHABET FOR THE STATE OF CALIFORNIA HIGHWAY SIGNS.

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GENERAL NOTES: (CONT.)

7. SIGN POST ANCHOR

ROADSIDE SIGNS: DRIVE SIGN POST ANCHOR INTO GROUND APPROXIMATELY 25"
(DEPENDING ON LOCAL SOIL CONDITIONS).

MEDIAN SIGNS:
(STAMPED CONC) SET SIGN POST ANCHOR INTO GROUND APPROXIMATELY
6" BELOW FINISHED SURFACE. TOP OF ANCHOR SHOULD
PROTRUDE APPROXIMATELY 5" ABOVE FINISHED SURFACE.

(LANDSCAPED) DRIVE SIGN POST ANCHOR INTO GROUND APPROXIMATELY
1'-6", LEAVING APPROXIMATELY 5" EXPOSED ABOVE GROUND
FOR CONNECTION (RIVETED).

SIGN POST
ANCHOR INSERT SIGN POST AND RIVET IN PLACE WITH TWO (2) 3/8"
UNIVERSAL HEAD DRIVE RIVETS, ONE PLACED FACING DIRECTION
OF TRAVEL AND ONE FACING THE CURB.

SIGNS ALL SIGNS SHALL CONFORM TO THE LATEST STATE OF
CALIFORNIA MANUAL ON TRAFFIC CONTROL DEVICES (CALIFORNIA
MUTCD) SIGN SPECIFICATIONS, CALTRANS STANDARD PLANS AND
CALTRANS STANDARD SPECIFICATIONS. SIGN SIZE SHALL BE THE
STANDARD SIZE SHOWN IN THE SIGN SPECIFICATIONS UNLESS
OTHERWISE SHOWN ON THE PLANS.

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